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CONTENTS

Production.....	547
Botany.....	547
Genetics and Plant Breeding.....	547
Agronomy.....	547
Diseases.....	551
Insects.....	551
Farm Management.....	552
Farm Social Problems.....	553
Cooperation in Production (One-Variety Communities).....	554
Preparation.....	554
Ginning.....	554
Baling.....	555
Marketing.....	557
General.....	557
Demand and Competition.....	557
Supply and Movement.....	562
Prices.....	569
Marketing and Handling Methods and Practices.....	570
Marketing Services and Facilities.....	571
Marketing Costs.....	574
Cooperation in Marketing.....	576
Utilization.....	576
Fiber, Yarn and Fabric Quality.....	576
Technology of Manufacture.....	582
Technology of Consumption.....	584
Cottonseed and Cottonseed Products.....	587
Legislation, Regulation, and Adjudication.....	590
Legislation.....	590
Regulation.....	592
Miscellaneous-General.....	598

COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

PRODUCTIONBotany

3086. Costa, A.S., and Fraga, C.G., Jr. Sôbre a natureza da ramulôse ou superbrotamento do algodoeiro. *Jornal de Agronomia* 2(3):151-160. May-June 1939. (Published at Rua Alferes J. Caetano no.100, Caixa Postal, 37, Piracicaba, Sao Paulo, Brazil) 9.2 J764
Concerning the nature of the branching or budding of the cotton plant.

See also Item no. 3330.

Genetics and Plant Breeding

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Agronomy

3088. Ahmad, Nazir. Some aspects of cotton industry in India. *Current Sci.* 8(7):301-305. July 1939. (Published by Indian Institute of Science, Hebbal P.O., Bangalore, India) 475 Sci23
3089. Argentine Republic. Junta nacional del algodón. Acala. Argentine Republic, Junta Nacional del Algodon [Pub.] no.33, 8pp. Buenos Aires. [1939] 281.3729 Ar3
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3090. Argentine Republic. Junta nacional del algodón. Como debe cuidarse el algodonal. Argentine Republic, Junta Nacional del Algodon [Pub.] no.35, 8pp. Buenos Aires. [1939] 281.3729 Ar3
How the cotton plantation must be cared for.
3091. Argentine Republic. Junta nacional del algodón. Como debe sembrarse el algodón. Argentine Republic, Junta Nacional del Algodon, [Pub.] no.34, 8pp. Buenos Aires. [1939] 281.3729 Ar3
How to sow cotton.

3092. Bem, Russil de. Contribuição para o estudo do algodão em nosso estado. Revista Agronomica 1(8):397. August 1937. (Published by Sindicato Agrônômico do Rio Grande do Sul, Rio Grande do Sul, Brazil) 9.2 P325
Contribution to the study of cotton in our state.
3093. Bezerra, Lauro. A enxertia applicada á cultura algodoeira. Cidade Mauricéa 2(15):[26-27]. July 1939. (Published at Rua da Imperatriz, 28-1, Recife, Pernambuco, Brazil)
The application of grafting to cotton culture.
3094. Brazil. Serviço de plantas texteis. Epocas de plantio e colheita de algodão no Brasil. Ed.2. 12pp. Rio de Janeiro, 1935. 72 B7372
Time of planting and harvesting of cotton in Brazil.
3095. Care in harvest adds to value. Cleanliness, freedom from moisture are important factors in grading. Delta Council News 11i.e.25(1):1,3. Sept.8,1939. (Published at Stoneville, Miss.)
3096. Chen, Y.S. Hopei cotton improvement and the future of the Stoneville no.4. 77pp. Peking, National university of Peking, College of agriculture, 1939.
In Chinese. English summary, pp.69-75.
3097. Commercial fertilizer used on cotton, 1938 and 1939. Crops and Markets 16(8):165. August 1939. (Published by U.S. Department of Agriculture, Washington, D.C.) 1 Ag84Wcm
3098. Cross, William E. La situación privilegiada de Tucumán como zona algodonera. Tucuman, Revista Industrial y Agricola 28(10-12):235-237. October-December 1938. (Published by Estación Experimental Agricola de Tucuman, Argentine Republic) 9 T79
The privileged position of Tucumán as a cotton zone.
3099. Crowther, Frank. Impressions of cotton growing in India by a visitor from Egypt and the Sudan. Agr. and Livestock in India 9(4):401-417. July 1939. (Published by the Manager of Publications, Delhi, India) 22 Ag83A
References, pp.416-417.

3100. A cultura do algodoeiro. O valor do preparo do solo. Revista do Algodão 9(49):2782,2785-2786. July 1939. (Published at Rua de S. Bento, 389, Sao Paulo, Brazil)
Cultivation of the cotton plant. Value of preparing the soil.
3101. Freire, Ed. Adubação azotada do algodoeiro. Revista do Algodão 9(49):2775-2777. July 1939. (Published at Rua de S. Bento, 389, Sao Paulo, Brazil)
Nitrate fertilizer for the cotton plant.
3102. Gracie, David S., and Balls, W. Lawrence. Dibble-sowing of cotton, method, effects and profits. Egypt, Min. Agr., Tech. & Sci. Serv., Cotton Research Board, Bull. 229, 49pp. Cairo, Schindler press. 1939. 24 Eg93
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References, pp.33-34.
Cotton experiments, pp.15,19,23-24,30-31.
3104. Influencia del numero de cultivos y distanciamiento de las plantas sobre el rendimiento del algodono. Argentine Republic, Junta Nacional del Algodon, Boletin Mensual no.52, pp.475-499. August 1939. (Published at Buenos Aires, Argentina) 72.9 Ar3
Influence of the number of cultivations and spacing of plants on the yield of the cotton plant.
Experiments in Texas.
3105. Jones, T.N. Care of cotton by grower contributes to premium grade. Miss. Farm Res. 2(9):1,2. September 1939. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
3106. Kearney, T.H., and Peebles, R.H. A comparison of Pima and SXP cotton. 3pp., processed. Tucson, Arizona agricultural extension service, 1939. 275.2 Ar4Co

3107. Kreibohm de la Vega, G.A. Campos de demostración. Acción didáctica. El raleo del algodón. Tucumán, Revista Industrial y Agrícola 28(10-12):251-256. October-December 1938. (Published by Estación Experimental Agrícola de Tucumán, Argentine Republic) 9 T79
Fields of demonstration. Didactic method. The thinning of cotton.
3108. Kreibohm de la Vega, G.A. Cómo debe sembrarse el algodón. Tucumán, Revista Industrial y Agrícola 28(10-12):248-250. October-December 1938. (Published by Estación Experimental Agrícola de Tucumán, Argentine Republic) 9 T79
How cotton should be sown.
3109. Kreibohm de la Vega, G.A. Métodos de cura del algodón. Aparatos, insecticidas y sales arsenicales más usuales. Tucumán, Revista Industrial y Agrícola 28(10-12):238-247. October-December 1938. (Published by Estación Experimental Agrícola de Tucumán, Argentine Republic) 9 T79
Methods of treating cotton, Apparatus insecticides and the more usual arsenic compounds.
3110. Let's quit this "wearing out dirt." Prog. Farmer (Miss. Valley ed.) 54(7):5. July 1939. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81
Editorial giving yields per acre with different plans of cultivation.
3111. Makhov, G.G. Agro-industrial characters of soils in the cotton zone of the Ukr.S.S.R. 144pp. Kiev, Research institute for socialist agriculture, 1937. (Proceedings of the institute, vol.III.) 56.9 K54
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In Russian.
3112. Rain alone wont do it. Farmer-Stockman 52(17):432. Sept.1,1939. (Published at 500 North Broadway, Oklahoma City, Okla.) 6 Ok45
Editorial comparing yields per acre in Oklahoma with those in other states.
3113. Realizações da inspeção do serviço de plantas textéis em Pernambuco. Cidade Mauricéa 2(15): [4-8]. July 1939. (Published at Rua de Impera-

triz; 28-1, Recife, Pernambuco, Brazil)

Effects of [seed] inspection by the Serviço de Plantas Texteis in Pernambuco.

See also Items nos. 3129, 3131, 3185, 3191, 3195, 3196, 3197, 3199, 3209, 3210, 3212, 3215, 3323, 3357, 3358, 3368, 3393, 3394, 3397, 3399, 3404, 3412, 3413, 3421.

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3114. Hopkins, J.C.F. A preliminary list of Rhodesian fungi. Empire Cotton Growing Rev. 16(3):236. July 1939. (Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.1, Eng.) 72.8 Em7
From Trans. Rhodesia Sci. Assoc. 35, 2, 1938.
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Insects

3115. "Agronomist." Hosts of the pink bollworm. West India Com. Circ. 54(1065):332. July 27, 1939. (Published at 14, Trinity Square, London, E.C.3, Eng.) 8 W524
3116. O coruquerê do algodão e seu combate. Sociedade Rural Brasileira, Revista 19(227):20-21. July 1939. (Published at Ladeira Dr. Falcão, 56-9.º Andar, São Paulo, Brazil) 9.2 B733
Cotton leaf worm and its control.
3117. Eguti, M. Notes on the density of inhabitation, place of living, standard of growth of pink boll worm during the term of growth of cotton plant. Chosen Agr. Expt. Sta. Ann. 8(4):213-227. August 1936. (Published at Sulgen, Chosen, Japan) J 107.6 C45A
In Japanese.
3118. Jitterbug gives boll weevil jitters. Experiments show weevil are affected by sound waves. Delta Council News 11i.e.21(1):4. Sept. 8, 1939. (Published at Stoneville, Miss.)

3119. Rainwater, C.F., and Allen, Norman. Temperature in the life history of Rhopalosiphum subterraneum Mason, a new cotton root aphid. Jour. Econ. Ent. 32(4):557-560. August 1939. (Published by American Association of Economic Entomologists, Menasha, Wis.) 421 J822
Literature cited, p.560.
3120. Stop - look - listen - danger. Cotton Ginners' Jour. 10(12):15-16. September 1939. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
Dangers of pink bollworm infestation in Texas are noted.
3121. Thomas, F.L. Cotton insect situation in Texas. Cotton and Cotton Oil Press 40(22):10. Sept. 2, 1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Also in Cotton Trade Jour. 19(35):6. Sept. 2, 1939; Cotton Digest 11(48):4. Sept. 2, 1939.
- See also Items nos. 3364, 3365, 3379, 3380, 3391, 3412, 3421.

Farm Management

3122. Argentine republic. Junta nacional del algodón. La contabilidad agricola en las chacras algodoneras. Argentine Republic, Junta Nacional del Algodon [Pub.] no. 41, 15pp. Buenos Aires. 1938. 281.3729 Ar3
Agricultural accounting on cotton plantations.
3123. [Gelles, Bernard] Lower costs of output urged as cotton solution. Daily News Rec. no. 197, p. 4. Aug. 23, 1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
"Greater mechanization of Southern agriculture and a 'return to a normal economy' were urged as solutions to the cotton problem... in a broadcast last night over Station WOR."
3124. Stone, L.T. Cotton is still king on world's largest plantation. Cotton and Cotton Oil Press 40(22):7. Sept. 2, 1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
The story of a visit to the Delta Plantation at Scott, Mississippi, is given.

3125. Taylor, Alva W. Assert croppers robbed of funds. Government forces restitution by landlords-- Bitter winter foreseen in Highland counties. Christian Cent. 56(38):1150-1151. Sept. 20, 1939. (Published at 440 S. Dearborn St., Chicago, Ill.) 110 C

Includes statements on the costs of harvesting cotton and on tenant income.

See also Items nos. 3102, 3222.

Farm Social Problems

3126. Barton, Glen T., and McNeely, J.G. Recent changes in the status of laborers and tenants on Arkansas plantations. Jour. Land and Pub. Util. Econ. 15(2):235-237. May 1939. (Published by Northwestern University, 337 East Chicago Ave., Chicago, Ill.) 282.8 J82

"An increase in the use of tractors, together with cotton-adjustment programs of recent years, has brought about important changes in the labor organization of Arkansas plantations. A 6% displacement of resident families occurred from 1932 to 1937. Evidence indicates that even more displacement took place from 1937 to 1938. A change in the types of labor employed on the plantations was brought about by a shift from sharecropper cotton to wage cotton during the period covered by the study. This change of workers from a share-cropper to a wage-laborer status results in a diminution of the annual income of the worker, an 'economic displacement' equally as important as the physical displacement of families previously noted."

3127. McWilliams, Carey. Factories in the field. The story of migratory farm labor in California. 334pp. Boston, Little, Brown and co.; 1939. 283 M252

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Cotton goes West, pp.193-196; The cotton strike, pp.219-224.

3128. Migrant cotton-pickers. Cotton Trade Jour. 19(38):1. Sept. 23, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

"The contract labor system has cut heavily into the accustomed tenant cotton-picking operations, it is pointed out in a special article by Victor H. Schoffelmayer in the Dallas Morning News."

3129. Need cotton pickers. Cotton Trade Jour. 19(38):2.
 Sept. 23, 1939. (Published at 810 Union St., New
 Orleans, La.) 72.8 C8214
 From Gastonia (N.C.) Daily Gazette.

Cooperation in Production (One-Variety Communities)

3130. Victoria county cotton improvement goes forward.
 Ext. Serv. News 25(11):3. August 1939. (Pub-
 lished by Extension Service, A. & M. College
 of Texas, College Station, Tex.)
 Photographs.
3131. Weaver, Otis T. One-variety cottonseed--coopera-
 tively. News for Farmer Coops. 6(6):10-11, 22.
 September 1939. (Published by U.S. Farm Credit
 Administration, Washington, D.C.)
 "California Planting Cotton Seed Distributors,
 Inc., is the official name of a bona fide farmers'
 cooperative association that multiplies and
 distributes pure Acala cottonseed."

See also Item no. 3383.

PREPARATION

Ginning

3132. Bennett, Charles A., and Gerdes, F.L. Essentials
 of good ginning. Amer. Cotton Grower 5(4):6-7.
 September 1939. (Published at 535 Gravier St.,
 New Orleans, La.) 72.8 Am32
3133. Cotton gin drier; its uses and effects. Cotton
 Digest 11(48):7. Sept. 2, 1939. (Published
 at 710 Cotton Exchange Bldg., Houston, Tex.)
 286.82 C822
3134. Fire insurance rates reduced. Cotton Ginners'
 Jour. 10(12):18. September 1939. (Published
 by Texas Cotton Ginners' Association, Inc.,
 109 North Second Ave., Dallas, Tex.)
 304.8 C824
 Rates on cotton gins are given.
3135. Martin, William J., and Stedronsky, Victor L.
 Effects of variations in design of gin-saw
 teeth on lint quality and ginning efficiency.
 25pp., processed. Washington, U.S. Department
 of agriculture, 1939.
 Literature cited, pp. 24-25.

3136. National cotton ginner's association. Petition filed with wage-hour administrator. Cotton Ginner's Jour. 10(12):5-6. September 1939. (Published by Texas Cotton Ginner's Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824

The petition relates to the definition covering the term "Area of production."

3137. Southern ginner's may profit from Brazilian example. Sao Paulo gin chief discusses ginning machinery, practice, custom. Cotton Trade Jour. 19(36):1,7. Sept. 9, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3138. Tavares, Heitor. Descaroçamento em serras e em rôlos. Cidade Mauricéia 2(15):[127-129]. July 1939. (Published at Rua da Imperatriz, 28-1, Recife, Pernambuco, Brazil) Saw and roller gins.

See also Items nos. 3143, 3389, 3403, 3406, 3425.

Baling

3139. Adaire, Deon. Warehouse wanderings. Cotton Digest 11(51):9. Sept. 23, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Includes quotations from R.O. Baumbach as to method of taring bales covered with cotton bagging.

3140. Cotton bagging's fight to replace jute thought won, war is a factor. Ocean freight situation handicapping importation of Indian jute. Cotton Trade Jour. 19(37):1,7. Sept. 16, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3141. Egyptian cotton. Textile Mercury and Argus 101(2629):169. Aug. 11, 1939. (Published at 41, Spring Gardens, Manchester, Eng.) 304.8 T318

"A decision to renew for one year the Milan agreement providing that spinners are to pay for only 8 1/2% of moisture on shipments of cotton from Egypt, was made last Friday by the Joint Cotton Committee, a sub-committee of the International Cotton Committee, which has been holding meetings at Zurich."

3142. A exportação. Cidade Mauricéa 2(15):[54-67]. July 1939. (Published at Rua da Imperatriz, 28-1, Recife, Pernambuco, Brazil)
Exportation.
Illustration shows type of bale for export from Brazil.
3143. Mill men strong for better bale covering, ginning. Cotton bagging and better ginning should aid producer sales. Cotton Trade Jour. 19(37):3. Sept.16,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3144. [National cotton compress and cotton warehouse association.] Warehouse tare certification practice told. Cotton Trade Jour. 19(38):3. Sept.23,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3145. Norris, P.K. Outcasts in a foreign country. Tex. Co-op. News 19(9):2,3. Sept.15,1939. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F
The appearance of American cotton bales is compared with that of other bales in foreign markets.
3146. Riechman-Crosby co. introduce moisture tester. Oil Mill Gazetteer 44(3):19. September 1939. (Published at Wharton, Tex.) 307.8 O153
The Anderson Hygrometer, for use in testing moisture in cottonseed and seed cotton, is described.
3147. Spinners balking at cotton bagging, refusing premium. Shippers find difficulty in South Carolina, half spindles against. Cotton Trade Jour. 19(38):1. Sept.23,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3148. Standard weight needed for cotton bagging. Cotton Digest 11(50):8. Sept.16,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial.

See also Items nos. 3267, 3370, 3403.

MARKETINGGeneral

3149. Garrard, W.M. The cotton situation, annual September survey. Staple Cotton Rev. 17(9): 1-3. September 1939. (Published by the Staple Cotton Cooperative Association, Greenwood, Miss.) 72.8 St22
3150. U.S. Department of agriculture. Bureau of agricultural economics. Cotton during the World War and in the 1939 European war. 12pp., processed. Washington, 1939.

Demand and Competition

3151. British preparing to receive barter cotton shipments. 400,000 to Liverpool, 200,000 to Manchester, beginning in October. Cotton Trade Jour. 19(36):6. Sept.19,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3152. Foolish statement. Textile Bull. 57(1):27. Sept. 1,1939. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N.C.) 304.8 So82
Editorial quoting census figures to show that the cotton textile industry is not moving South.
3153. Hickman, Francis G. Over-running of Lodz, Gdynia, marks return of Polish cotton industry into Germany's hands. Cotton Trade Jour. 19(37): 1,8. Sept.16,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3154. Increased Japan demand for U.S. cotton is seen. U.S. Department of commerce spokesman sees Nippon textile expansion. Cotton Trade Jour. 19(38):6. Sept.23,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3155. India. Indian central cotton committee. General report on nine enquiries into the village or extra-factory consumption of cotton in India, 1933-36. 37pp. Bombay [British India press] 1938. 281.372 In23
"For several years in official cotton statistics [of India] a conventional figure of 750,000 bales has been adopted as the estimate for extra-factory consumption of cotton... As

doubts had been expressed in several quarters regarding its correctness, the Indian Central Cotton Committee decided to conduct necessary enquiries in typical centres... The reports of the investigations conducted are now published for general information. It will be observed that as a result of this enquiry a new estimate of 450,000 bales for the All-India extra-factory consumption of cotton has been arrived at and recommended for adoption."-Preface.

3156. Indian textile industry during 1938. Financ. News 7(32):6,16. Aug.19,1939. (Published at Yusuf Bldg., 43, Esplanade Road, Fort, Bombay, India) 286.8 F496

3157. Indian textile industry in the doldrums. Millowners deeply perturbed. All-India conference proposed. Indian Textile Jour. 49(586):392-393. July 15, 1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2

3158. Iyengar, A.S. Setting the stage for the trade talks. Issues before the Simla conference. Indian Textile Jour. 49(586):390-391. July 15, 1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2

"Arrangements for negotiating a new trade agreement with Japan" are commented upon.

3159. Lancashire loss to Sao Paulo in textiles is big. British chamber of commerce puts it at four million pounds a year. Cotton Trade Jour. 19(38):5,8. Sept.23,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3160. Llerena, Carlos Moyano. El mercado de Lancashire en la Republica Argentina. Argentine Republic, Junta Nacional del Algodon, Boletin Mensual no.52, pp.501-504. August 1939. (Published at Buenos Aires, Argentina) 72.9 Ar3
Lancashire's market in the Argentine Republic.

3161. Manchuria expands cotton industry. Foreign Crops and Markets 39(10):195. Sept.2,1939. (Published by U.S. Department of Agriculture, Office of Foreign Agricultural Relations, Washington, D.C.) 1.9 St2F

"The marked expansion in the cotton textile industry began only last year, and it is estimated that up to June this year the number of spindles had increased to about 550,000."

3162. Marks, Stephen S. Synthetic textile fiber from corn protein studied. Work of Corn products refining co. is in utilization of zein obtained from corn kernels--Still requires considerable work to perfect and develop product, it is stated. Daily News Rec. no.193, pp.1,20. Aug.18,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48

3163. Mexico's textile industry. Amer. Wool & Cotton Reprtr. 53(35):28. Aug.31,1939. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

3164. Miller, Dale. Texas and the South as victims of war. Outbreak of hostilities would likely depress cotton industry still further and cause distress in this area. Tex. Weekly 15(35):6-7. Sept.2,1939. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31

3165. Murchison [Claudius T.] says war scares retard rise in textile business. Daily News Rec. no.197, p.4. Aug.23,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48

"The stage is set for a great upswing in the textile business, but until war scares calm down the industry will remain in the doldrums."

3166. Over-production in India? Why Bombay wants a 45-hour week. Textile Mercury and Argus 101(2628):141. Aug.4,1939. (Published at 41, Spring Gardens, Manchester, Eng.) 304.8 T318

"Blaming over-production for the recent outbreak of internal competition in the Indian cotton industry, millowners in Bombay and Ahmedabad... are pressing for an all-India agreement regulating output and working hours. In this article a Bombay correspondent discusses the circumstances that have produced the present unsatisfactory conditions."

3167. Parker, Walter. A "legitimate share" of the world's market. Cotton Digest 11(48):12. Sept.2,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Comment on the government's cotton policy is given.

3168. Planned economy. Textile Weekly 24(600):255,258.
Sept.1,1939. (Published at 49, Deansgate,
Manchester, 3, Eng.) 304.8 T3127

Editorial on the situation in the British
cotton textile industry.

3169. The position of cotton and wheat our leading cash
crops. Guaranty Survey 19(5):1-3. Aug.28,1939.
(Published by Guaranty Trust Co., New York, N.Y.)
284.8 G93

3170. Production control? Indian Textile Jour. 49(586):
388. July.15,1939. (Published at Military
Square, Fort, Bombay, India) 304.8 In2

Editorial on the possibility of production
control in the Indian cotton-textile industry.

3171. Production of cotton, silk and rayon industries.
Results of the Import duties act inquiry of
production in 1937 of cotton, silk and linen
industries. Textile Manfr. 65(776):348. August
1939. (Published by Emmott & Co., Ltd., 31 King
St., West, Manchester, 3, Eng.) 304.8 T3126

3172. Putting the spotlight on the new synthetic fibers.
Textile World 89(10):74-80. September 1939.
(Published by McGraw-Hill Publishing Co., Inc.,
330 West 42nd St., New York, N.Y.) 304.8 T315

Includes photomicrographs of nylon, vinyon,
fiberglas, casein, soy bean fibers, lanital,
viscose-type rayon, bemberg, cordura, kohorn,
cisalfa, and acetate rayon.

3173. Shepherd, Jack. Salvaging the textile industry in
China. Far East. Survey 8(15):171-175. July 19,
1939. (Published by American Council, Institute
of Pacific Relations, 129 East 52nd St., New
York, N.Y.) 280.9 In782

"On the whole the condition of the cotton-textile
industry in China can only be described as
bordering on chaos. The losses of all the inter-
ested parties have been enormous - for the
Japanese no less than the Chinese. A partial
measure of reconstruction is now under way, both
in Chinese and Japanese-controlled areas and in
the International Settlement at Shanghai, but only
in Shanghai has rapid progress been made. It is
hard to say whether the difficulties confronting
the Chinese textile industry in the interior or
those facing the Japanese in the northern and
coastal districts are the more serious."-conclud-
ing paragraph.

3174. Som, A.P. Chemistry and industry in India. Canad. Chem. and Process Indus. 23(6):312-313. June 1939. (Published by Westman Publications, Ltd., 366 Adelaide St. West, Toronto, 2, Canada) 381 C16
First of a series of reviews including the cotton textile industry in India.
3175. Statist half-yearly banking and commercial review. 20pp. Special section of Statist, v.134, no. 3209, Aug.26,1939, inserted between pages 256-257. (Published at 51 Cannon St., London, E.C.4, Eng.) 286.8 St2
Partial contents: The rayon industry, pp.16-17; The cotton industry, pp.17-18; The flax, hemp and jute trades, pp.19-20.
3176. Thomas, H.A.. The trend of progress in the cellulosic textile industry. Textile Recorder 57(677):27-28,30. Aug.6,1939. (Published at Old Colony House, Manchester, 2, Eng.) 304.8 T311
To be continued.
Abstract of paper presented at the annual conference of the Society of Chemical Industry.
3177. Tremelloni, Roberto. Come sono variati in un secolo costi e prezzi dell'industria cotoniera? Bollettino della Cotoniera 34(5):289-291. May 1939. (Published at Via Borgonuovo, 11, Milano, Italy) 304.8 B63
What are the variations in a century of costs and prices in the cotton textile industry?
3178. War brings Colombia into market for more U.S. apparel and textiles. Daily News Rec. no.219, pp.1,15. Sept.19,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
3179. The war-time textile fiber situation, Rayon Organon 10(10):127. September 1939. (Published by Textile Economics Bureau, Inc., 21 East 40th St., New York, N.Y.) 304.8 T3128
The outlook for wool, silk, cotton and rayon is given.

See also Items nos. 3141, 3150, 3191, 3192, 3212, 3220, 3221, 3315, 3343, 3366, 3385, 3387, 3396, 3404, 3423.

Supply and Movement

3180. O algodão na França. Revista do Algodão 9(49): 2778. July 1939. (Published at Rua de S. Bento, 389, Sao Paulo, Brazil)
Cotton in France.
Importation of cotton by France 1936-1938, by countries, is shown in a table.
3181. American cotton subsidy announced. Textiles also to benefit. Fears of effect on Lancashire export trade. Manchester Chamber of Com. Monthly Rec. 50(8):367-368. Aug. 31, 1939. (Published at Ship Canal House, King St., Manchester, 2, Eng.)
287.M31
3182. Barber, Charles H. Production of cotton in Latin America. Foreign Agr. 3(9):375-392. September 1939. (Published by U.S. Department of Agriculture, Office of Foreign Agricultural Relations, Washington, D.C.)
Production in Brazil, Peru, Argentina and Mexico is reported upon. "Cotton production in these countries was of minor importance until about the time cotton surpluses began to accumulate in the United States. Although combined production in all Latin-American countries has tripled since 1920 (from 1 million to nearly 3 million bales annually) it still represents less than 25 percent of the average yearly production of the United States."
3183. Bolles, Blair. King cotton in trouble. Current Hist. 51(1):50-51. September 1939. (Published by C-H Publishing Corporation, 420 Madison Ave., New York, N.Y.) 110 C93
Brief description of the American cotton situation.
3184. Brazilian cotton in U.S.A. Textile Mercury and Argus 101(2630):202. Aug. 18, 1939. (Published at 41, Spring Gardens, Manchester, Eng.)
304.8 T318
Imports of Brazilian cotton by the United States are noted.
3185. La calidad comercial de nuestros algodones. Compania Administradora del Guano, Boletin 15(6):271-279. June 1939. (Published at Zarate 455, Apartado 2147, Lima, Peru) 57.9 C73B
The commercial quality of our cottons.

3186. Campos, Alvaro de. O ritmo da nossa exportação algodoeira desde 1928. Ouro Branco 5(2):8-9. June 1939. (Published at R. Quintino Bocayuva, 54, Sao Paulo, Brazil)
The rhythm of our cotton exports since 1928.
3187. Carriacou cotton industry. West India Com. Circ. 54(1064):308. July 13, 1939. (Published at 14, Trinity Square, London, E.C.3, Eng.) 8 M524
3188. Caterson, Herbert. Rough cotton supplies vanish in Far East. Daily News Rec. no.220, p.14. Sept. 20, 1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 M48
"Besides a poor outlook for the crop of Chinese rough cotton, none can be expected out of China, as Japan will probably use all that can be obtained."
3189. China imports more cotton. Cotton Digest 11(52):3. Sept.30, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"China has been on a net import basis as regards raw cotton since about 1920 except for the crop years 1936-37 and 1937-38. Reduced production of raw cotton in China during the past season has already resulted in greatly increased imports, particularly of British Indian and American cotton."
3190. Cotton carryover puzzles U.S. Crop is below average, but two years' normal supply is on hand. Government tries to sell cotton abroad by paying bounty, which worries mills. Business Week no.520, p.24. Aug.19, 1939. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N.Y.) 280.8 Sy8
3191. Cotton cultivation and cotton textiles in Brazil. Indus. Fibres Rev. 4(3):74-75. September 1939. (Published by Sisal Publications Ltd., 18-19, Great St. Helens, London, E.C.3, Eng.)
3192. Cotton export up but mystery hides argosies. War fog shrouds ship news, forbids listing of cargoes, ships, ports; foreign spinners' takings unavailable. Statistics sketchy. Trans-ship to Germany? Cotton Trade Jour. 19(38):1,8. Sept.23, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3193. Cotton exports thus far. . Cotton Trade Jour. 19 (38):2. Sept.23,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

Editorial comparing exports by countries of destination for August and part of September 1938 and 1939.

3194. Cotton moving despite ocean freight risks. Excepting shipments to Bremen, Hamburg and Gdynia, heavy year ago, movement is ahead of last year's. Patrick Henry with 6,430 bales for German port unloads at Norfolk. Stricter customs regulations. Cotton Trade Jour. 19(37):1,5. Sept.16, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3195. Cotton: production in Mozambique. Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(15/16):431. Sept.1,1939. (Published at Didsbury, Eng.)

From Times, Mozambique No., 1/viii/1939, p.xiv.

"Portugal imported about 8000 tons of cotton from Mozambique in 1937 and 1938. A price of about 7d. per lb. is guaranteed for cotton equal to American G.M. and about 5 3/4d. per lb. for cotton equal to fairly good middling. More than 60 per cent. of the crop is of the better type. The best strains are Barberton, Bancroft, Nya-saland Upland and U.4."-Entire item.

3196. A cultura do algodão vae penetrando com o mais franco sucesso na zona cannavieira. Cidade Mauricéa 2(15):[9-11]. July 1939. (Published at Rua de Imperatriz, 28-1, Recife, Pernambuco, Brazil)

The cultivation of cotton has penetrated with better success in the sugar zone.

3197. De Prat, D. Le développement des cotons exotiques dans la dernière décade. Industrie Textile 55 (629):471-473. October 1938. (Published at 171 Rue du Faubourg Poissonnière Paris, IX^e, France) L.C.

The development of exotic cottons in the last decade.

"A review of recent developments in cotton cultivation in Brazil, Argentina, Peru, Mexico, China, Korea, Turkey, Uganda, the Sudan, and various minor countries such as Iran, Syria, and

Iraq. It is pointed out that the combined productions of the first nine countries named now amounts to more than a quarter of the total world production of cotton, to more than the combined productions of India and Egypt, and to 65 per cent. of the cotton production of the United States.-C."-Textile Inst. Jour. 30(1):A5. January 1939.

3198. Duggan, I.W. The cotton export subsidy. Sphere 24(1):20,29. July 1939. (Published at Munsey Bldg., Washington, D.C.) 280.8 N215

3199. Escovar, Alfredo Caballero. Fomento de la producción nacional de algodón. Memorandum para la Sociedad de agricultores de Colombia. Revista Nacional de Agricultura 34(420):378-402. June 1939. (Published by Sociedad de Agricultores de Colombia, Bogota, Colombia) 9.4 R32
References, p.402.

Encouragement of national cotton production. Memorandum for the Sociedad de Agricultores de Colombia.

3200. The export subsidy. Cotton [Atlanta] 103(9):81-82. September 1939. (Published by W.R.C. Smith Publishing Co., Grant Bldg., Atlanta, Ga.) 304.8 C823
Editorial.

3201. Final estimate Northern Brazil 1938-39 cotton crop reduced slightly. Foreign Crops and Markets 39(11):207. Sept.9,1939. (Published by Office of Foreign Agricultural Relations, U.S. Department of Agriculture, Washington, D.C.) 1.9 St2F

Table shows estimates of cotton production, 1938-39, with comparisons for 1937-38 and 1936-37.

3202. Government crop estimate accurate. Cotton Digest 11(50):8. Sept.16,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial.

3203. Hunt, Stanley B. Cotton production east of the Mississippi holds its own. Cotton [Atlanta] 103(9):50-51. September 1939. (Published by

W.R.C. Smith Publishing Co., Grant Bldg.,
Atlanta, Ga.) 304.8 C823

Production in the Eastern United States for
10-year periods 1900-1938 is compared with that
in the West.

3204. India--Hyderabad cotton imports and exports.
Textile Weekly 24(600):258. Sept.1,1939.
(Published at 49, Deansgate, Manchester, 3,
Eng.) 304.8 T3127

3205. India. Indian central cotton committee. Report
on the accuracy of the All-India cotton fore-
casts of 1937-38 season. India, Indian Cent.
Cotton Com.; Statis. Leaflet no.5(1937-38)
7pp. Bombay. 1939. 72.9 In233St

3206. Inoportuna e desnecessaria a limitação da area
de plantio de algodão. Revista do Algodão
9(49):2791-2796. July 1939. (Published at
Rua de S. Bento, 369, São Paulo, Brazil)
The untimely and unnecessary limitation of
the area of cotton planting.

3207. International trade in cotton, 1938-39. Foreign
Crops and Markets 39(13):256-261. Sept.23,1939.
(Published by U.S. Department of Agriculture,
Office of Foreign Agricultural Relations, Wash-
ington, D.C.) 1.9 St2F

3208. Japan quits importing Sept. 30. Cotton Digest
11(48):12. Sept.2,1939. (Published at 710
Cotton Exchange Bldg., Houston, Tex.)
286.82 C822

"Exporters and brokers in the United States
were notified by agents of all Japanese flag
steamship lines this week that the Japanese
lines will make no further commitments for
taking cotton or other cargo for shipment
after September 30."

of various lengths of staples planted to cotton

3209. Kethley, J.L. General Delta conditions 1938. Staple
acrage of each variety planted in 1939, as compared to 1936, 1937 and 1938.
Cotton Rev. 17(9):5-7. September 1939. (Pub-
lished by the Staple Cotton Cooperative
Association, Greenwood, Miss.) 72.3 St22

Includes tables showing percentage of acreage
of various lengths of staples planted to cotton
in 1939 as compared to 1936, 1937 and 1938, and
acrage of each variety planted in Arkansas,
Louisiana and Mississippi for 1939.

3210. Killough, D.T. Cotton in the Gulf Coast prairie. Coastal Cattleman 5(7):7-8. September 1939. (Published at Beaumont, Tex.) 43.8 C63
The production of cotton in the Gulf Coast Prairie of Texas is described.
3211. [Molyneaux, Peter.] [We must live somehow in a world at war. Outbreak of conflict finds a much different Texas from that of 1914.] Tex. Weekly 15(35):1-3. Sept. 2, 1939. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31
Editorial in which the probable effect of the war on Texas cotton exports is noted.
3212. La producción de algodón de la actual campaña alcanzara a 65,000 toneladas. Saldo exportable el mercado y los precios. Argentine Republic, Junta Nacional del Algodón, Boletín Mensual no. 52, pp. 471-473. August 1939. (Published at Buenos Aires, Argentina) 72.9 Ar3
Production of cotton for the present season reaches 65,000 tons. Exportable balance, market and prices.
3213. Raw cotton problems. I.C.C.C. report on the accuracy of the All-India cotton forecasts. Textile Weekly 25(599):231-232. Aug. 25, 1939. (Published at 49, Deansgate, Manchester, 3, Eng.) 304.8 T3127
The report of the Indian Central Cotton Committee is commented upon.
3214. Se confirma lo que adelantó Gaceta Algodonera que Norteamérica subvencionaria la exportación de fibra de algodón. Un dumping sobre los demás países que exportan fibra a los centros consumidores de Europa. Gaceta Algodonera 16(166):13-14. July 31, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
That Gaceta Algodonera predicted is confirmed as North America will aid the exportation of cotton fiber. A dumping on the other countries which export fiber to the principal consumers of Europe.
3215. Siamese cotton plan. Textile Mercury and Argus 101(2630):202. Aug. 18, 1939. (Published at 41, Spring Gardens, Manchester, Eng.) 304.8 T318
"It is recorded in the D.O.T.'s latest report on economic conditions in Siam, published this

week by the Stationery Office, that the endeavor of the Government there to interest the population of northern Siam in the cultivation of cotton has proved a failure and has been more or less abandoned."-Entire item.

3216. Silveira, Osman. Beneficiamento de algodão. Cidade Mauricóe 2(15):[111-112]. July 1939. (Published at Rua da Imperatriz, 28-1, Recife, Pernambuco, Brazil)
Improvement of cotton.
3217. Stewart, A.D. Low price prevents movement of '37 and '38 loan cotton. Co-op. Farmer 18(1-2):1. August-September 1939. (Published at 219 1/2 East Capitol St., Jackson, Miss.) 280.23 C7392
3218. Stewart, John R. Complications block Japan's raw cotton program in China. Far East. Survey 8(15):175-196. July 19, 1939. (Published by American Council Institute of Pacific Relations, 129 East 52nd St., New York, N.Y.) 280.9 In782
"Instead of the planned increase in production, output has fallen sharply. From the peak in 1936...cotton production declined in 1937 and again in 1938. Reports indicate that the 1939 crop will be even smaller. A variety of causes have contributed to this downward movement: currency troubles, floods, lack of transportation facilities and the policy of the guerillas in cutting down the cotton crop. Despite this unfavorable trend Japan was able to secure a considerable amount of raw cotton from China last year."
3219. The U.S. cotton export subsidy. Textile Recorder 57(677):17. Aug. 6, 1939. (Published at Old Colony House, Manchester, 2, Eng.) 304.8 T311
Comment from the British point of view.
3220. World trade lower last year. Cotton Digest 11(52): 3. Sept. 30, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
- See also Items nos. 3088, 3096, 3098, 3099, 3105, 3130, 3142, 3150, 3340, 3341, 3355, 3359, 3362, 3363, 3368, 3369, 3372, 3376, 3377, 3383, 3385, 3391, 3397, 3404, 3405, 3421, 3423.

Prices

3221. Caterson, Herbert. Cotton observer recalls last war when prices rose, output dropped. Daily News Rec. no.209, p.11. Sept.7,1939. (Published at 8 East 13th St., New York, N.Y.)
286.8 N48

Prices and consumption of cotton, 1914/15 to 1920/21 are shown.

3222. Enan, Hussein. Aperçu sur l'agriculture égyptienne. Société Belge d'Études et d'Expansion, Bulletin Bimestriel 38(115):218-220. April 1939. (Published at Avenue Rogier, 12, Liège, Belgium)
Views on Egyptian agriculture.

This article brings out the importance of agriculture in the Egyptian economy, the high quality of its products, the modern practices adopted in the country, the effect of fluctuations in the price of cotton in directing the Egyptian interest to other crops, and the advances which have been made in the field of agricultural industries, such as conservation of fruits and vegetables, and the progress in apiculture.

3223. Gotham futures market groping toward reality. Cotton Trade Jour. 19(38):1,3. Sept.23,1939. (Published at 810 Union St., New Orleans, La.)
72.8 C8214

The present situation in the New York cotton market is described.

3224. Greene, Wil. World markets make good showing in war's first impact. Cotton futures advance 33 to 75 British points in active session at Liverpool, only English market not closed by emergency decree--Plans completed in N.Y. to keep stock and commodity exchanges functioning. Daily News Rec. no.207, pp.1,19. Sept.5,1939. (Published at 8 East 13th St., New York, N.Y.)

3225. Price agreement to stand. Manchester Guardian Com. 39(999):114. Aug.11,1939. (Published at Guardian Bldg., 3 Cross St., Manchester, 2, Eng.) 286.8 M315

"Signatories of the Egyptian-type Mule Yarn Agreement...resolved to continue the control of yarn prices for a further twelve months, ending August 31,1940."

3226. War-prices outlook not so gloomy. Cotton Digest 11(51):8, Sept. 23, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
Editorial.

See also Items nos. 3150, 3195, 3212, 3217, 3231, 3252, 3321, 3354, 3378, 3414, 3423.

Marketing and Handling Methods and Practices

3227. Analyst. Tenderable basis sales in interior reported, but erroneously--belief. Term "tenderable basis" is often misapplied, analysis indicates. Cotton Trade Jour. 19(37):1,7. Sept. 16, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3228. Arbitragen de algodao, em S. Paulo. Revista do Algodao 9(49):2736. July 1939. (Published at Rua de S. Bento, 389, Sao Paulo, Brazil)
Arbitrage of cotton, in Sao Paulo.
3229. Cash-on-arrival traders seek to negotiate their contracts, would shift insurance burden. American cotton shippers association cables foreign centers, asks buyers cooperation in meeting situation. Time-tested financial machinery of export being modified to meet war conditions, foreign exchange a factor. Cotton Trade Jour. 19(39):1,3. Sept. 30, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3230. Chicago. Board of trade. Rules and regulations... April 1, 1939. 292pp. Chicago, 1939. 287 C43Ru
Chapter 14--Cotton, pp. 91-104.
3231. Classer. New contract not to change price structure, view. Cotton Trade Jour. 19(35):7. Sept. 2, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
The change in the futures contract is discussed.
3232. Cotton business in France looks to army control. French merchant tells of plan for rationing merchants and mills. Cotton Trade Jour. 19(39):6. Sept. 30, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3233. Cotton contract change seen not highly important.
Daily News Rec. no.198, p.11. Aug.24,1939.
(Published at 8 East 13th St., New York, N.Y.)
286.8 N48

Comment on the recent change in the cotton futures contract is given.

3234. The new cotton contract. Cotton [Atlanta] 103
(9):82. September 1939. (Published by W.R.C.
Smith Publishing Co., Grant Bldg., Atlanta, Ga.)
304.8 C823

Editorial on the new contract adopted by the New York Cotton Exchange.

3235. N.O. exchange day trading rules. Cotton Digest
11(50):4. Sept.16,1939. (Published at 710
Cotton Exchange Bldg., Houston, Tex.)
286.82 C822

"Board of directors of the New Orleans Cotton Exchange adopted a special rate of commission in a meeting last week to apply to day trades effective on and after September 1,1939."

3236. Wright, J.W., and Smith, G.R. Cotton marketing in the coastal plain area of North Carolina. N.C. Agr. Expt. Sta. Bull. 325, 37pp. Raleigh. 1939.
100 N81B

"The present study is an attempt to determine the marketing practices of farmers, the structure of the local market, the buying and selling practices of local buyers, the ultimate destination of cotton produced in the Coastal Plain Area of the State and the attitude of the farmers toward the present system of marketing cotton."

See also Items nos. 3139, 3141, 3144, 3254, 3265, 3367, 3403.

Marketing Services and Facilities

3237. Caterson, Herbert. Signs point to govt. omitting cotton loan this year, is view. Growers want loan in expectation of higher prices as result of war, says observer. Daily News Rec. no.223, p.5. Sept.23,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48

3238. Commissioners favor 1939 cotton loans. Cotton Digest 11(50):3. Sept.16,1939. (Published

at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822

"The association of Southern commissioners of agriculture at a meeting Monday of this week in New Orleans instructed its president...to vote at a cotton conference that will be held in Washington September 14 in favor of Government loans on the 1939 cotton crop."

3239. Davis, John J. Tell achievement of warehouses, association work. Alabaman gives answer to his query "What have associations done?" Cotton Trade Jour. 19(36):3. Sept. 9, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3240. Farmers less interested in loan this year. Cotton Digest 11(52):3. Sept. 30, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
Editorial.

3241. 45,000 farmers to have cotton classed by U.S. Group applications pass 600 mark, acreage represented million and quarter. Cotton Trade Jour. 19(35):6. Sept. 2, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3242. The government debates a new unwanted loan. Cotton Digest 11(49):3. Sept. 9, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
Editorial on a meeting which "will be held in Washington on September 14 at which time the question of a loan program for the 1939 cotton crop will be discussed."

3243. Hit storage rates for loan cotton. No decision is reached on grant--Cut to 3% as well as differential urged. Jour. Com. [New York] 131(14032):7. Sept. 15, 1939. (Published at 63 Park Row, New York, N.Y.) 286.8 J82

Report of meeting of "representatives of cotton producers, the trade and general business men who are conferring with Government officials concerning continuation of the Federal loan program for the 1939 crop."

3244. Jamieson, Edward. Bona fide loan at below value figure is seen. Warehouse rates in connection with loan plan are discussed at length. Cotton

Trade Jour. 19(37):1,4. Sept.16,1939. (Published at 810 Union St., New Orleans, La.)
72.8 C8214

Report of a conference of cotton growers and warehousemen at Washington, September 14,1939.

Also noted in Cotton Digest 11(50):10. Sept. 16,1939.

3245. Jamieson, Edward. Wallace veers to below-value loan, is report. Same rate as last year, 8.3, thought likely, but with important changes, including location differentials. Cotton Trade Jour. 19(39):1,5. Sept.30,1939. (Published at 810 Union St., New Orleans, La.)
72.8 C8214

3246. Jones, J. Roy. Information to cotton producers. Establishment of location differentials on government loan cotton. S.C. Market Bull. 18:1. Sept.14,1939. (Published by Commissioner of Agriculture, Commerce and Industries, Anderson, S.C.) 280.39 So8

"A statement submitted to the Southern Commissioners of Agriculture, for their approval at a conference held Monday, September 11th in New Orleans."

3247. Jones [J. Roy] predicts improved loan on 1939 cotton. Says farmers would benefit if proposals just made at Washington win. S.C. Market Bull. Sept.21,1939, p.1. (Published by Commissioner of Agriculture, Commerce and Industries, Anderson, S.C.) 280.39 So8

From The Columbia Record, September 15,1939.

Report of a meeting in Washington, September 14,1939.

3248. Mandatory cotton loan or none, is present Washington outlook. CCC officials, though silent said to ban below-value loan idea. Cotton Trade Jour. 19(38):1. Sept.23,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3249. Matlock, Robert L. Free govt. classing service off to early 1939 start in Arizona. Ariz. Farmer 18(10):7. July 22,1939. (Published at 313 North Third St., Phoenix, Ariz.) 6 Ar44

3250. Polish cotton industry. Arbitration board at Gdynia. Indian Textile Jour. 49(586):409. July 15, 1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2
3251. Postos de classificação. Cidade Mauricéa 2(15):[49-50]. July 1939. (Published at Rua da Imperatriz, 28-1, Recife, Pernambuco, Brazil) Classing rooms. Illustrations show classing rooms in Victoria, Pernambuco, Brazil.
3252. See cotton loan announcement as highly probable. Actual price rising but items of parity price rising faster. Cotton Trade Jour. 19(36):1,8. Sept. 9, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3253. O serviço de classificação do algodão em Pernambuco tem novas instalações técnicas. Cidade Mauricéa 2(15):[35-40]. July 1939. (Published at Rua da Imperatriz, 28-1, Recife, Pernambuco, Brazil) The cotton classification service in Pernambuco has new technical installations.
3254. Serviço de fiscalização aos beneficiadores e aos armazens de compra e venda de algodão em carôco no estado de Pernambuco. Cidade Mauricéa 2(15):[79-80]. July 1939. (Published at Rua da Imperatriz, 28-1, Recife, Pernambuco, Brazil) Fiscal service to the cultivators and warehouses for purchase and sale of cotton in the seed in the State of Pernambuco.
3255. [U.S. Department of agriculture] Call conference to draw up plan for cotton loan. Cotton Trade Jour. 19(36):3,7. Sept. 9, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

See also Items nos. 3095, 3217, 3224, 3256, 3262, 3351, 3367, 3384, 3393, 3403, 3404.

Marketing Costs

3256. ACCA magazine opposes fixed rates on warehousing of new loan cotton. Takes definite stand in favor of "competitive" storage rates. Cotton Trade Jour. 19(37):3. Sept. 16, 1939. (Published

at 810 Union St., New Orleans, La.) 72.8 C8214
 Comment on editorial entitled "Storage of
 loan cotton" in American Cotton Grower for
 September.

3257. Arkansas-Missouri warehouses reduces rates to 15 cents. New tariff includes insurance; similar action elsewhere in belt. Cotton Trade Jour. 19(35):3. Sept.2,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3258. Cancel freight rates on ocean shipment cotton. Gulf conference lines give notice of necessity in face of war. Cotton Trade Jour. 19(36):1,5. Sept.9,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3259. Classifications published for 22 warehouse risks. Penalties are announced for ten class D warehouses in Texas. Cotton Trade Jour. 19(35):3. Sept.2,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
 "Cotton warehouse insurance ratings, as provided to the underwriters by the Cotton Engineering and Inspection Service, indicate inadequate storage facilities at ten Texas points, and provide classifications or re-classifications for twelve other warehouses at various points in the belt."
3260. [New York cotton exchange] Costs of delivering and receiving cotton on New York cotton exchange contract at designated delivery points, effective August 1,1939. 9pp., processed. New York, 1939. 287 N488Co
3261. Shippers rally to solve ocean freight puzzle. New Orleans exchange and merchants committees in joint session, similar meetings planned elsewhere. Recommendations sought. Italian shipments relieved of axis handicap; cargo insurance for American vessels gets preferred rate. Cotton Trade Jour. 19(36):1,5. Sept.9,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3262. Storage on loan cotton. Amer. Cotton Grower 5(4):4. September 1939. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
 Editorial on warehouse rates paid for storing loan cotton.

See also Items nos. 3134, 3243, 3244.

Cooperation in Marketing

3263. Cotton association continues service. 1939-40 program includes immediate sale, optional-suspense pool, loan pool and call pool as in past. Co-op. Farmer 18(1-2):3. August-September 1939. (Published at 219 1/2 East Capitol St., Jackson, Miss.) 280.28 C7892

The 1939-40 program of the Mississippi Cooperative Cotton Association is given.

3264. Nuevas cooperativas surgen en la zona algodnora. Cooperativa agricola "Union y trabajo ltda." Quitilipi (Chaco). Argentine Republic, Junta Nacional del Algodon, Boletin Mensual no.52, pp.505-509. August 1939. (Published at Buenos Aires, Argentina) 72.9 Ar3

New cooperatives appearing in the cotton zone. Agricultural cooperative "Union y Trabajo Ltda." Quitilipi (Chaco).

3265. Reports expose old marketing system. Co-op. Farmer 18(1-2):3. September 1939. (Published at 219 1/2 East Capitol St., Jackson, Miss.) 280.28 C7892

Extracts from publications of the U.S. Department of Agriculture are given to show the effect of cooperative marketing on methods of marketing.

See also Items nos. 3131, 3149, 3425.

UTILIZATIONFiber, Yarn and Fabric Quality

3266. Ahmad, Nazir, and Venkataranan, V. Empirical relationships between count, twist and strength of cotton yarns. Part I.--Count--Single thread strength. Part II.--Twist--Strength. India, Indian Cent. Cotton Com. Tech. Lab., Tech. Bull. Ser. A, no.48, 29pp. Bombay. 1939.
References, pp.28-29.

3267. Barker, S.G. A direct reading slide rule for elimination of calculations in regain determinations of hygroscopic materials (applicable to textiles, foodstuffs, tobacco, etc.). Textile Inst. Jour. 30(8):T131-T132. August 1939. (Published at 16 St. Mary's Parsonage, Manchester, 3, Eng.) 73.9 T31
Letter to the editor.

3268. Brosser, A. The influence of the pretreatment of cotton in the quality of nitro-cellulose. Brit. Plastics 10(110):60-61. July 1938. (Published at 19, 21 and 23 Ludgate Hill, London, E.C.4, Eng.)

"The processes of soda-boiling and bleaching of cotton linters can be so controlled that the behavior of the cotton on nitration can be guaranteed.-S."-Textile Research 9(10):385. August 1939.

3269. Gee, Percy H. Twist in yarns. Relative hardness of worsted, woollen and cotton yarns, turns per inch, and twist constants. Textile Weekly 24(600):264, 267. Sept. 1, 1939. (Published at 49, Deansgate, Manchester, 3, Eng.) 304.8 T3127

3270. Gusmao, Jayme de Azevedo. Estudo physico-quimico da fibra e analyse das sementes de algodão. Cidade Mauricéa 2(15):[28-29]. July 1939. (Published at Rua da Imperatriz, 28-1, Recife, Pernambuco, Brazil)

Physico-chemical studies of the fiber and analysis of the seeds of cotton.

3271. Herzog, Alois. Ein handmikrotom für faserstoffe. Melliand Textilberichte 20(8):545-550. August 1939. (Published at Heidelberg, Germany) 304.8 T312

A hand microtome for fibers.

3272. Johnson, Burt. Apparatus for measurements of lengths of cotton fibers. Ark. Agr. Expt. Sta. Bull. 381, 22pp. Fayetteville. 1939. 100 Ar42B Literature, p. 32.

"The purpose of this bulletin is to describe two pieces of apparatus designed to increase the speed at which length determinations of fibers can be made. The first machine is a mechanical comb which parallelizes fibers still attached to the seed. The second apparatus is a multiple-seed photoelectric sorter which sorts the fibers of seed cotton into their respective length groups."

3273. Köh, Helmut. Stapelschaulinien und mittlere faserlänge. Klopzig's Textil-Zeitschrift 42(21):342-350. May 24, 1939. (Published by L.A. Klopzig, Leipzig, Cl, Germany)

Footnote references.

Staple diagrams and mean fibre length.

"The preparation and use of staple diagrams,

the significance and determination of mean fibre length (or frequency-mean staple) and weight-mean staple, and the influence of fibre fineness on mean length determinations are studied in relation to the recommendations published in certain sections of Normblatt DIN DVM 3801. The recommendations are criticised, especially in regard to the expressed preference for the use of the fibre-weight curve rather than the fibre-number curve. Passages from the proposed standard are quoted and errors in them and confusion in the use of terms are pointed out. A suggested improved version is given.-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):402. July 15, 1939.

3274. Krauter, C. Ein neues hilfsmittel zur bestimmung der drehung an garnen und zwirnen. Klepzig's Textil-Zeitschrift 42(21):350-351. May 24, 1939. (Published by L.A. Klepzig, Leipzig, C 1, Germany)

A new method for determining the twist in yarn and thread.

"Photographs are given of a Zweigle twist tester and the method of use is outlined. The yarn from the package passes over a supporting roller, provided with a suitable weight, to a narrow clamp which can be moved in directions parallel and perpendicular to the yarn and the clamp is displaced and introduced into an opening in a rotatable clamp which is connected to a suitable counting system. The rotatable clamp is closed on the yarn and the other clamp is released, withdrawn from the opening in the rotatable clamp and moved along the yarn until the length between the two clamps corresponds to the length of the section to be tested by untwisting. It is claimed that with this device continuous tests can be made along the yarn leaving practically no gaps between successive sections tested, that pushing back of the twist when introducing yarn into the clamps, the influence of handling, and arbitrariness in the selection of yarn sections for testing are eliminated, and a uniform loading is ensured.-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):404. July 15, 1939.

3275. Lachs, H., Kronman, J., and Zurawicki, I. Über die heterogenität verschiedener zellulosearten, III. Kolloid Zeitschrift 87(2):195-199. May 1939. (Published at Residenzstrasse 32, Dresden-B1, Germany) 384 Z315

Footnote references.

The heterogeneity of various kinds of cellulose.

"Methanol additions to chloroform solutions of acetylcellulose from wood pulps precipitated fractions which were redissolved in chloroform for determination of viscosity. High viscosity components precipitate with the lower concentrations of methanol. The individual fractions from linters are fairly uniform, but those from wood pulp vary somewhat. It is concluded, however, that the fractionation procedure is effective in that the fractions precipitated are relatively homogeneous.-H.L.D."-Lawrence Col., Inst. Paper Chem., Bull. 9(11):489. July 1939.

3276. Lima Pereira, Valbert de. Tecnologia da fibra do algodão. Ed. 2. 56pp. Rio de Janeiro, Brazil, Serviço de plantas textéis, 1938. 72 B737T

Technology of the cotton fiber.

3277. Matsunaga, Yoshiaki. On the densities of various fibres and the widths of the intermicellar spaces. Kyoto Univ., Coll. Sci., Mem. Ser. A, 21(6): 219-232. November 1938. (Published at Kyoto, Japan) 513 K99A

Footnote references.

"Intermicellar spaces of various textile fibres were examined by measuring their densities and their swellings in water, in various primary normal alcohols, and in liquid paraffin. It was observed that the density of a fibre which was measured in methyl alcohol was greater than those measured in the other liquids, and that the density decreased with the number of carbon atoms of the alcohols and the liquid paraffin."-Abstract.

3278. Meyer, Kurt H., Misch, Lore, and Badenhuizen, N.P. Les celluloses régénérées. (Sur la constitution de la partie cristallisée de la cellulose VII) Helvetica Chimica Acta 22(1):59-65. 1939. (Published by Societas Chimica Helvetica, Basel,

Switzerland) 385 H36

Footnote references.

The constitution of the crystalline portion of cellulose. VII. Regenerated celluloses.

"After a discussion of the form and the arrangement of the glucose chains in the various theories of the mechanism of the formation of hydrated cellulose...the authors describe some of their own expts. on the decompn. of the various Na celluloses...-F.E. Brauns."-Chem. Abs. 33(8):3142-3143. Apr.20,1939.

3279. Meyer, Kurt H. Konstitution, kristallmodell und textur der cellulose. Österreichische Chemiker-Zeitung 42(1):7-10. Jan.5,1939. (Published at Schottengasse 4, Vienna I, Germany) 384 Os7

Literature cited, p.10.

Constitution, crystal model and texture of cellulose.

"M. reviews the recent developments...F.E. Brauns."-Chem. Abs. 33(8):3142. Apr.20,1939.

3280. Preston, R.D. The molecular chain structure of cellulose and its botanical significance. Cambridge Phil. Soc., Biol. Rev. 14(3):281-313. July 1939. (Published by Cambridge University Press, Bentley House, 200 Euston Road, London, N.W.1, Eng.) 442.9 C14

References, pp.311-313.

3281. Saito, Gi-iti. Das verhalten der zellulose in alkalilösungen. I. Mitteilung. Kolloid-Beihefte 49(9-12):365-454. 1939. (Published at Residenzstrasse 32, Dresden-B1., Germany) 384 Z315K

Footnote references.

The reaction of cellulose in alkali solution.

Summarised in part in Soc. Chem. Ind. Japan, Jour. 42:170-171B. 1939.

"The author presents a long series of measurements of the swelling (cross-section) and length changes of and absorption by cotton, ramie and rayon fibres in various solutions of Na, K and Li hydroxides, at various temperatures. The experimental technique is described in detail but follows with minor modifications well-known methods...-C."-Brit. Cotton Indus. Res. Assoc., Summary of Current Lit. 19(13):401. July 15, 1939.

3282. Skinkle, John H. Physical and chemical textile testing--XVI. Part III--Microscopical testing. Chapter 16--Identifications. Amer. Dyestuff Reprtr. 28(17):461-464. Aug. 21, 1939. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N.Y.) 506.8 Am3

References, p.464.

3283. Spaulding, Helen C. Facts about fabrics. Maine Agr. Col. Ext. Bull. 263, 12pp. Orono. 1939. 275.29 M281B

Includes cotton fabrics.

3284. Taron, G. Peut-on améliorer un fil par la torsion? Industrie Textile 55(625):271-272. June 1938. (Published at 171 Rue du Faubourg Poissonnière, Paris, IX^e, France) L.C.

To be continued.

Can yarn be improved by twist?

"The influence of twist on the strength of cotton yarns prepared from carded cotton and from combed cotton, the influence of irregularities in the length and distribution of the fibres in the yarn, and the distribution of the points at which break occurs between places of high, low and medium twist in the yarn are discussed, the observations being based on the results of tests on yarns spun from combed and carded Egyptian Sakel cottons. The extensibilities of the two types of yarns are also discussed and the relative importances of slipping, stretching out, and actual extension of the constituent fibres are studied. It is shown that it is possible to obtain a carded yarn of high twist equal in strength to a combed yarn of medium twist and that cotton of lower quality can be used to produce yarn of the same strength as that obtained from higher quality cotton provided that the staple length is regular and the fibres are distributed as regularly as possible in the yarn. In the selection of cotton for the production of yarn of specified strength it is necessary to consider both the differences in costs between the different qualities of cotton and the cost of the extra doublings, etc. required to produce the necessary regularity in yarns from the poorer qualities."-Textile Inst. Jour. 30(1):A57. January 1939.

3285. Wiernsberger, J. Etude sur la torsion à donner aux filés coton en fonction de leur qualité et leur emploi. Industrie Textile 55(620):7-9. January 1938. (Published at 171, Rue du Faubourg Poissonnière, Paris, IX, France) L.C.

To be continued.

Study on the twist given to cotton yarns as a function of their quality and use.

"The critical coefficient of twist is discussed and tables are given showing the values of this coefficient for yarns of different counts, designed for various purposes, and spun from combed and carded cottons of different qualities with maximum lengths varying from 1 to 1 3/4 inch.-C."-Textile Inst. Jour. 30(1):A18. January 1939.

See also Items nos. 3135, 3141, 3146, 3253, 3422.

Technology of Manufacture

3286. C., N. Management of cotton mixing and blowing rooms. Textile Manfr. 65(776):336-337, 342. August 1939. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, Eng.) 304.8 T3126
3287. Dronsfield Bros. Ltd. Keeping card engine flats perfect. Dronsfield's improved flat cleaner with reduction-gear driving motion. Textile Weekly 24(598):199-200. Aug. 18, 1939. (Published at 49, Deansgate, Manchester, 3, Eng.) 304.8 T3127
3288. How to prevent uneven yarn. Textile Bull. 56(12): 16, 18, 40-42. Aug. 15, 1939. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N.C.) 304.8 So82
Number 21, by J.T. Chapel; number 22, by S.C. George; and number 23, by Bill.
3289. How to prevent uneven yarn. Textile Bull. 57(1): 14, 16, 40. Sept. 1, 1939. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N.C.) 304.8 So82
Number 24, by B.B.J., and number 25, by H.Y.B.
3290. M., 7. Spinning fine counts on the ring frame. Textile Recorder 57(678):18, 21-22. Sept. 6, 1939. (Published at Old Colony House, Manchester, 2, Eng.) 304.8 T311

3291. Mauldin, Earle. Spinning on paper tubes. First installation in this country on trial at Harts-ville cotton mills. Textile World 89(10):66-67. September 1939. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N.Y.) 304.8 T315

3292. Montigny, R. Dispositifs nouveaux d'étirage. Industrie Textile 55(628):430-432. September 1938. (Published at 171 Rue du Faubourg Poissonnière, Paris, IX^e, France) L.C.

New methods of drafting.

"A device for providing improved control of the fibres in drafting mechanisms having four lines of rollers comprises an additional roller between the second and third lines of rollers and resting on the two middle lower rollers. The roving passes round and below this additional roller and is also made to pass through a condenser before passing between the third pair of rollers and, if desired, through a second condenser between the third and delivery pairs of rollers...Diagrams of the two drafting mechanisms are given and details of the constructions are discussed.-C.-Textile Inst. Jour. 30(1):A17-A18. January 1939.

3293. New high draft roving frame. Amer. Wool & Cotton Repr. 53(33):30. Aug.17,1939. (Published by Frank P. Bennett & Co., Inc., 530 Atlantic Ave., Boston, Mass.) 304.8 T38

"The new machine illustrated was developed by H. & B. American Machine Co., Pawtucket, R.I. It is for one or two-process roving, drafting drawing frame sliver up to 35 to produce up to 6-hank roving in one operation."

3294. Pomfret, N.H. Cleanliness and yarn quality. The cleanliness of cotton spinning machinery has an important influence on the quality of the yarn produced. Textile Recorder 57(677):22-23. Aug.6,1939. (Published at Old Colony House, Manchester, 2, Eng.) 304.8 T311

3295. Rajamier, S.S.V. How to start a cotton spinning mill. Extracts from a prize essay. Indian Textile Jour. 49(586):402,414. July 15,1939. (Published at Military Square, Fort, Bombay, India) 304.8 In2

3296. Spindle vibration. Other attempts to solve problem. Textile World 89(10):67. September 1939. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N.Y.) 304.8 T315

See also Item no. 3269.

Technology of Consumption

3297. "Black-out" cloth demand very brisk, Manchester reports. Cotton Trade Jour. 19(37):7. Sept. 16, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3298. Buffalo cotton bag mfrs. ask permission to sell France, Britain. Daily News Rec. no. 219, p. 12. Sept. 19, 1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48
 "Local manufacturers of cotton bags for the flour milling and cattle feed trades have made inquiries to the State Department at Washington if they can accept contracts from France and Great Britain for large quantities of cotton bags to be used as sand bags for defense purposes."
3299. Canal lined with cotton fabric. Engin. News-Rec. 122(25):852-853. June 22, 1939. (Published by McGraw-Hill Publishing Co., 330 West 42nd St., New York, N.Y.) 290.8 En34
 "Utilizing cotton fabric as a reinforcing agent for a gravel-asphalt mat, an experimental mile of leaking irrigation canal in Idaho was lined successfully. This article gives experiences gained in the construction procedure which is new."
3300. Carter, Hodding. Greenville laying more than 3 miles cotton pavements. Cotton Trade Jour. 19(38):3. Sept. 23, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3301. Cotton fire-proofing gives farmers new hope. Cotton Digest 11(48):5. Sept. 2, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C222
 Reprinted from the Texas State Observer.
 D.F. Forwood of Taylor, Texas, "has developed a process for fireproofing cotton so that it can be used as an insulation material in the con-

struction of houses, refrigeration units, ice boxes, and dozens of other cases where some material resistant to temperature changes is required."

3302. Cuanto antes debe obligarse envasar la harina de trigo en bolsas confeccionadas con algodón producido en el país. Gaceta Algodonera 16(186):1-2. July 31, 1939. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

As soon as possible one should be obliged to put wheat flour in bags made with cotton produced in this country.

3303. Goodrich gives praise to Delta for tire cotton. Tire manufacturers point to Delta's meeting staple requirements. Cotton Trade Jour. 19(39):5. Sept. 30, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3304. Improve old uses for cotton. Farm and Ranch 58(9):3. September 1939. (Published at 3306 Main St., Dallas, Tex.) 6 T31
Editorial.

3305. Insulation material from cotton feature of chemurgic exhibit. Gladewater chemist to build model room using burrs, stalks as basic products. Semi-Weekly Farm News, Sept. 8, 1939, p. 5. (Published at Dallas, Tex.)

3306. King cotton on the roof. Cotton Trade Jour. 19(38):3. Sept. 23, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

"Procedure in cotton roofing calls for a first layer of asphalt tar, a layer of cotton canvas and a final layer of asphalt."

Also in Cotton Digest 11(51):12. Sept. 23, 1939.

3307. Kreibohm de la Vega, G.A. Algunos usos del algodón. Tucumán, Revista Industrial y Agrícola 28(10-12):257-258. October-December 1938. (Published by Estación Experimental Agrícola de Tucuman, Argentine Republic) 9 T79
Some uses of cotton.

3308. Landon, Francis O. King cotton goes on the road in Texas. Prog. Farmer (Tex. ed.) 54(10):44. October 1939. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311

3309. [National cotton council of America] Council discovers cotton hosiery yarns. Cotton Digest 11(52):5. Sept.30,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Also in Cotton and Cotton Oil Press 40(24): 10. Sept.30,1939.
3310. Quarter trillion pounds cellulose for gun-powder? See 3-year war burning up equivalent of 5,000,000 bales of cotton. Cotton Trade Jour. 19(38):1,7. Sept.23,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3311. Roberts, Fant. Who wants \$10,000? Farm and Ranch 58(9):5. September 1939. (Published at 3306 Main St., Dallas, Tex.) 6 T31
Use of cotton for oil pipe lines is suggested.
3312. Sayre, Kenneth H. Textiles in hospitals; market, uses and quality required. Textile Age 3(9): 47-48,50. September 1939. (Published at 381 Fourth Ave., New York; N.Y.) 304.8 T3132
3313. Schoffelmayer, Victor H. Chemurgic science opens new avenues to farm surpluses. Low value materials stepped up through application of new chemical discoveries. Semi-Weekly Farm News Sept.8,1939, p.5. (Published at Dallas, Tex.)
3314. [Texas. Agricultural and mechanical college. Extension service] Service ponders cotton mattress drive. Cotton Digest 11(52):4. Sept.30,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
3315. Turner, Walter. New uses to increase consumption. Cotton Digest 11(51):3. Sept.23,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Table shows quantity of cotton that would be used for wrapping and sacking certain agricultural products if cotton were substituted for the jute now used.
3316. Use cotton bags instead of paper. Cotton Digest 11(49):6. Sept.9,1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

See also Items nos. 3391, 3396.

COTTONSEED AND COTTONSEED PRODUCTS

3317. Baldwin, W.H., and LeClerc, J.A. Hydrolytic treatment of cottonseed hulls. Oil and Soap 16(9):178-180. September 1939. (Published by Gillette Publishing Co., 400 West Madison St., Chicago; Ill.) 307.8 J82
References, p.180.
3318. Belligerents hold huge war reserves of cotton linters. Big takings during last three years indicate present need not acute. Cotton Trade Jour. 19(36):5,8. Sept.9,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3319. Cottonseed hulls have chemical possibilities. Oil, Paint and Drug Reprtr. 135(18):40. May 1,1939. (Published at 12 Gold St., New York, N.Y.) 306.8 Q15
3320. The cottonseed situation. Prog. Farmer (Tex. ed.) 54(10):3,48. October 1939. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311
Editorial on prices of cottonseed.
3321. Cottonseed up to twenty dollars per ton after season lows. Rise of 100 points on New York market may be speculation. Delta Council News lti.e.21(1):1. Sept.8,1939. (Published at Stoneville, Miss.)
3322. Dantas, Garibaldi. Os sub-productos do algodão na economia nacional. A Lavoura 43:6-10. April-May 1939. (Published by Sociedade Nacional de Agricultura e da Confederação Rural Brasileira, Rio de Janeiro, Brazil) 9.2 L39
The by-products of cotton in the national economy.
Production of cottonseed products is noted.
3323. [Delta council] Cottonseed not best fertilizer. Delta Council News lti.e.21(1):1,2. Sept.8,1939. (Published at Stoneville, Miss.)
"Until cottonseed reaches a low of nine dollars per ton, its plant food content does not justify its use as a fertilizer."
3324. Furfural to be produced from cottonseed. Rayon Textile Monthly 20(6):334. June 1939. (Published at 303 Fifth Ave., New York, N.Y.) 304.8 R21

3325. Hilditch, T.P., and Paul, S. Studies on the nature of antioxygens present in natural fats. IV. The proportions and properties of antioxygenic compounds in various extracted seed cakes. Soc. Chem. Indus., Jour. 58(1):21-24. January 1939. (Published at Clifton House, Euston Road, London, N.W.1, Eng.) 382 M31

"The antioxygenic activities of concentrates prepd. from extd. palm-kernel, groundnut, soybean, cottonseed and linseed meals were examd. by procedures described in part III of this series. The antioxygenic activities of palm-kernel and linseed meals were very low, while those of groundnut and soybean meals were pronounced and those of cottonseed meal very pronounced...-E.S."-Chem. Abs. 33(7):2745. April 10, 1939.

3326. "Hog around" cottonseed. Farm and Ranch 58(9):11. September 1939. (Published at 3306 Main St., Dallas, Tex.) 6 T31

Sale of cottonseed on grade is urged.

3327. [Johnston, Oscar] Urge government to buy 400,000 bales of linters. National cotton council head stresses usefulness in national defense. Cotton Trade Jour. 19(36):1. Sept. 9, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3328. Moses, J.E. Feeding cottonseed cake to range cattle. Florida Cattleman and Dairy Jour. 3(12):4. September 1939. (Published by J.E. Williams, Kissimmee, Florida) 43.8 F66

Digest of an address delivered at the annual conference of Florida Teachers of Vocational Agriculture, Daytona Beach, Florida, August 11, 1939.

3329. National cottonseed products association. Information service. Ratios based on 10-year averages--1929 to 1938=100. Natl. Cottonseed Products Assoc., Inform. Serv. Bull. 80, 6pp., processed. Memphis. 1939.

Tables show ratios of cottonseed crushed to total bales produced and to a 500-pound bale, by states, 1929 to 1938.

3330. Olcott, H.S., and Thornton, C.D.W. Composition of cottonseeds. II. Catalase. Amer. Chem. Soc., Jour. 61(9):2417-2418. September 1939. (Published at Mills Bldg., Washington, D.C.) 381 Am33J

Footnote references.

3331. Support raise of cottonseed prices. Cotton Digest 11(49):3. Sept. 9, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"Full support of the National Cotton Council's efforts to have the Department of Agriculture take action to raise cottonseed prices has been pledged by 11 Senators and 31 Congressmen from the cotton belt."

3332. Tennessee state horticultural society. Proceedings of the thirty-third annual convention...held at Jackson, Tennessee, November 18-19, 1937. 107pp. [Knoxville, 1938] 81 T25

Control of tomato fruit worm by use of cottonseed meal containing 10 percent cryolite, by W.W. Stanley, pp.73-77.

3333. U.S. Department of agriculture. Agricultural marketing service. Market cottonseed on grade. Cotton Digest 11(48):11,15. Sept. 2, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

Information on "what goes to make up the grade and value of any lot of cottonseed" is given.

3334. Wade, Homer D. Council active in securing better prices for cottonseed. Tex. Co-op. News 19(9):3. Sept. 15, 1939. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F

3335. [Woolrich, W.R.] Cottonseed processing research. Mech. Engin. 61(8):618-619. August 1939. (Published by American Society of Mechanical Engineers, 29 West Thirty-Ninth St., New York, N.Y.) 291.9 Am3J

Discussion by John P. Ferris and Victor Vichum of paper appearing in Mech. Engin. February 1939, pp.131-135.

See also Items nos. 3146, 3268, 3270, 3339, 3389, 3421, 3422, 3423, 3425.

LEGISLATION, REGULATION, AND ADJUDICATIONLegislation

3336. American cotton. Manchester Guardian Com. 39
(999):101. Aug.11,1939. (Published at Guardian
Bldg., 3 Cross St., Manchester, 2, Eng.)
286.8 M315
Editorial on the United States cotton policy.
3337. Cotton industry (reorganisation) act, 1939.
Machinery being created. Registration of firms
in the industry. Manchester Chamber of Com.
Monthly Rec. 50(8):355-356. Aug.31,1939. (Pub-
lished at Ship Canal House, King St., Manchester,
2, Eng.) 287 M31
3338. Definite policy urged by foreigners. Cotton
Digest 11(50):7. Sept.16,1939. (Published at
710 Cotton Exchange Bldg., Houston, Tex.)
286.82 C822
"Meeting of the International Cotton Federa-
tion at Zurich urged most strongly that the
United States Government should take into
serious consideration the absolute need for
returning to the customary fundamental princi-
ples of trading."
3339. Deliver ultimatum to states taxing South's margar-
ine. National cotton council chief calls for
fair play to cotton belt. Cotton Trade Jour.
19(39):1,7. Sept.30,1939. (Published at 810
Union St., New Orleans, La.) 72.8 C8214
3340. Duggan, I.W. We must export cotton. Nation's
Agr. 14(7):3,11. July-August 1939. (Published
at 58 East Washington St., Chicago, Ill.)
280.82 B89
The author advocates an export subsidy.
3341. Export bounty and dumping. Cotton Digest 11(48):
14. Sept.2,1939. (Published at 710 Cotton
Exchange Bldg., Houston, Tex.) 286.82 C822
Reprinted from the Dallas News.
The export subsidy plan and dumping are
compared.
3342. Government cotton policy criticized. Amer. Wool
& Cotton Reprtr. 53(33):13-14,29. Aug.17,1939.
(Published by Frank P. Bennett & Co., Inc.,

530 Atlantic Ave., Boston, Mass.) 304.8 W88

"The International Cotton Federation meeting in Zurich, Switzerland, early this month, criticized very severely the American government's cotton policy in a resolution which was cabled to Secretary of Agriculture, Wallace, and Secretary of State, Hull. The resolution emphasized that this policy had created many uncertainties as to the disposal of the loan cotton stocks, and in regard to general conditions in the world cotton trade. It was requested that some basic long-term policy be adopted at the earliest possible moment in order to make possible the return of normal conditions in the trade."

3343. [India] Indian central cotton committee. Demand for increased duties on textile imports from U.K. and Japan. *Financ. News* 7(32):19, Aug. 19, 1939. (Published at Yusuf Bldg., 43, Esplanade Road, Fort, Bombay, India) 286.8 F496

3344. The new cotton act. *Textile Mercury and Argus* 101(2629):160. Aug. 11, 1939. (Published at 41, Spring Gardens, Manchester, Eng.) 304.8 T318
 "The chairman of Messrs. Tootal Broadhurst Lee Co., Ltd., Sir Kenneth Lee, had some comments to make at the Cotton Industry Reorganization Act, when presiding at the company's annual meeting on Tuesday."

3345. [Pardoe, H.E.] Comments on the cotton bill. *Manchester Chamber of Com. Monthly Rec.* 50(8): 357-358. Aug. 31, 1939. (Published at Ship Canal House, King St., Manchester, 2, Eng.) 287 M31
 Address at Half-Yearly Meeting of members of the Manchester Chamber of Commerce, July 17, 1939.

3346. Stamp plan to be used for cottons? Same scheme as applied to food may be extended to textile field. *Textile World* 89(10):57. September 1939. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42nd St., New York, N.Y.) 304.8 T315

3347. T., R. La politica cotoniera degli Stati Uniti ad una svolta? *Follettino della Cotoniera* 34(5): 284-287. May 1939. (Published at Via Borgonuovo, 11, Milano, Italy) 304.8 B63

The cotton policy of the United States at a turning point?

3348. United Kingdom. Cotton industry reorganization. Com. Repts. no.35, p.791. Sept.2,1939. (Published by U.S. Bureau of Foreign and Domestic Commerce, Washington, D.C.) 157 C76D
The Cotton Industry (Reorganization) Bill became a law on August 4,1939.
3349. United States cotton policy. Textile Mercury and Argus 101(2629):157. Aug.11,1939. (Published at 41, Spring Gardens, Manchester, Eng.) 304.8 T318
Editorial regarding the resolution of the International Cotton Federation.
3350. U.S. cotton policy criticised. The whole market structure demoralised. Textile Recorder 57 (677):18. Aug.6,1939. (Published at Old Colony House, Manchester, 2, Eng.) 304.8 T311
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3351. Warehouse bill for Alabama is finally enacted. Inspection fee provision, opposed by warehouse association, omitted. Cotton Trade Jour. 19(38):3. Sept.23,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3352. Washington viewpoints. Amer. Cotton Grower 5(4): 5. September 1939. (Published at 535 Gravier St., New Orleans, La.) 72.8 Am32
A letter explaining the income-certificate plan for aiding the cotton grower.
3353. Williams, Dameron H. What next in cotton legislation? Textile Bull. 56(12):36-37. Aug.15, 1939. (Published by Clark Publishing Co., 213 West Morehead St., Charlotte, N.C.) 304.8 So82
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3358. La disciplina della coltivazione del cotone nell' Africa Orientale Italiana. Bollettino della Cotoniera 34(5):299-300. May 1939. (Published at Via Borgonuovo, 11, Milano, Italy) 304.8 B63

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The program is analyzed.

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Letter to the editor suggesting the immediate formation of a Cotton Control Board and outlining its powers.
3362. New Caledonia. Cotton--Export premium increased. Com. Repts. no. 35, p. 804. Sept. 2, 1939. (Published by U.S. Bureau of Foreign and Domestic Commerce, Washington, D.C.) 157 C76D
"The rate of the premium on exports of raw cotton from New Caledonia during the year 1939, has been increased from 1 franc to 1.5 francs per kilo by an order of June 10, published in the Journal Officiel of the Colony for June 19, 1939."
3363. Payments on cotton exports. Tex. Farming and Citricult. 16(3):10. September 1939. (Published by E.C. Watson Publishing Co., 210 East Van Buren St., Harlingen, Tex.) 80 T31
Salient points of the Federal cotton export program are given.
3364. Pink bollworm quarantine extended. Cotton Digest 11(52):10. Sept. 30, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
3365. Pink bollworms in okra bringing wide quarantine. Regulations on cotton pest bring restrictions on interstate traffic. Cotton Trade Jour. 19(37):3. Sept. 16, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
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3366. Portuguese colonies. Importation of cotton textiles into Angola and Mozambique. Gt. Brit. Bd. Trade Jour. 143(2227):259. Aug. 10, 1939. (Published by H.M. Stationery Office, York House, Kingsway, London, W.C.2, Eng.) 256.03 T67J
Summary of "regulations regarding the importation into Angola and Mozambique of cotton textiles not originating in Portugal."
3367. Regulamentação dos armazens de compra de algodão em caroço instituída pela secretaria de agricultura e confiada à comissão de classificação do

algodão. Cidade Mauricea 2(15):[70-71]. July 1939. (Published at Rua da Imperatriz, 28-1, Recife, Pernambuco, Brazil)

Warehouse regulations for the purchase of cotton in the seed established by the Secretary of Agriculture and entrusted to the Cotton Classification Commission.

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"By a recent decree of the Roumanian Ministry of Agriculture the cultivation of cotton has been declared to be of public importance for a period of five years commencing with the year 1939. This gives the industry the advantages of the Industry Promotion Law of 1936 such as appreciable reductions in taxes, duty-free import of essential equipment, etc. The area under cotton this year is estimated at 20,000 hectares as compared with 4,000 hectares in 1938."-Entire item.

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"Cotton which is exported from the United States and which does not reach a final destination, due to the war, is not eligible for the export subsidy."

3370. Seek subsidy cash on cotton bagging used for covering. Cotton Trade Jour. 19(37):1, 8. Sept. 16, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

3371. Sir Percy Ashley head of Lancashire Cotton control board. Daily News Rec. no. 219, p. 1. Sept. 19, 1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48

3372. Subsidy extended to include Canada, Mexico and others. Cotton Trade Jour. 19(37):1. Sept. 16, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

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3377. U.S. Department of agriculture. Agricultural adjustment administration. Part 722--Cotton marketing quotas, 1940-41 marketing year. Fed. Register 4(178):3910-3911. Sept. 15, 1939. (Published by National Archives, Washington, D.C.) 169 F31
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3382. U.S. Department of agriculture. Division of marketing and marketing agreements. Cotton and cotton products export program (fiscal year 1940). Supplemental requirements and instructions for exporters of cotton in connection with the "cotton and cotton products export program (fiscal year 1940)." U.S. Dept. Agr., Div. Marketing and Marketing Agreements Form MS-116, Sup.-1, 1p., processed. Washington. 1939.
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3386. Wallace proclaims 1940 marketing quota. Cotton Digest 11(51):13. Sept. 23, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

3387. Why widen the present gap between farm income and industrial wages--The proposed wage minimum will do it. Textile Bull. 56(12):9-10. Aug. 15, 1939. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N.C.) 304.8 So82
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Extracts in Cotton Trade Jour. 19(36):1, 8. Sept. 9, 1939.

3389. Campbell, Ivan J. Time for clear thinking. Cotton and Cotton Oil Press 40(23):5. Sept. 16, 1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

The author advises "the cottonseed-crushing and the ginning industries" to consider "the advisability of exercising more than usual caution in the face of what the European war may do to them as important cogs in America's economic machine."

3390. Cotton meeting of ten nations opens Tuesday. Actual outbreak of war hampers hopes, but not fatally as it was scheduled for exploratory work only. Wallace to be keynoter. U.S. point of view on what is needed and what pressure may be used is told, participating personalities listed. Cotton Trade Jour. 19(35):1, 8. Sept. 2, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214

The plans for the International Cotton Meeting to open September 5, 1939 at Washington, D.C., are discussed.

3391. Cotton problems are discussed at Hillsboro meeting. Pink bollworm menace, state trade barriers and chemurgic movement outlined. Tex. Co-op. News 19(9):3. Sept.15,1939. (Published by Texas Co-operative Publishing Co., Inc., 1100 South Ervay St., Dallas, Tex.) 72.9 T315F

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3392. Crawford, M.D.C. Film offers cotton industry chance for concerted action, says Crawford. Declares ancient and modern history of fiber to be told in cinecolor motion picture, will introduce to wide public the vast significance of a trade that is imbedded in growth of human society. Daily News Rec. no.192, pp.1,8. Aug.17,1939. (Published at 8 East 13th St., New York, N.Y.) 286.8 N48

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Course for specialization (in cotton cultivation and classification).

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Historical review of cotton cultivation in Argentina and its derivations in the west of Cordoba.

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From Guaranty Survey.
The situation in the United States is discussed.

3396. How can cotton consumption be raised? State offers award of ten thousand dollars to the Texan who can devise a method of adding 300,000 bales to the annual consumption of American cotton. Here

are the rules. Tex. Weekly 15(36):8-9. Sept. 9, 1939. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31

3397. India. Central provinces and Berar. Department of land records. Season and crop report...for the year ending the 31st May 1938. 37pp. Nagpur, 1939. 22 C331Se
Cotton, pp.5,7.
3398. India. Indian central cotton committee. Summary proceedings of the thirty-ninth meeting...Bombay, held on the 31st March 1939. 28pp. Bombay, 1939. 72.9 In233Ab
3399. India. Mysore state. Department of agriculture. Mysore agricultural calendar for the year Pramadi (from 22nd March 1939 to the 8th April 1940). 103pp. Bangalore, 1939. 34.2 M99
Partial contents: Cotton cultivation in the Irwin canal area, by K. Krishnamurthy; pp.27-28; Manurial formulae for the principal crops in Mysore--Cotton, p.59.
3400. International cotton conference. Revista do Algodão 9(49):2759-2761. July 1939. (Published at Rua de S. Bento, 389, São Paulo, Brazil)
Comment on Brazil's part in the meeting to be held September 5 in Washington.
3401. International cotton meeting. Cotton Digest 11 (52):14-15. Sept.30, 1939. (Published at 710 Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Results of the meeting held in Washington September 5, 1939 are discussed briefly.
3402. International cotton meeting offers no hope of agreement on division of world markets. Nothing can be considered until return of peace, is general view of delegates representing ten nations. Subsidy also a hurdle. Cotton Trade Jour. 19(36):1,5. Sept.9, 1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
3403. Japan gets China's cotton. Asia 39(10):571-572. October 1939. (Published at 40 East 49th St., New York, N.Y.) 286.8 Am31
Photographs show cotton ginning, transporting, weighing and cotton bales in the warehouse and port of Tientsin.

3404. Jones, J. Roy. Information as to cotton and its classing. Factors that control both the grade and staple, seed germination, importance of proper handling before and after ginning, importance of true classification, free services, production and consumption. 12pp. Columbia, S.C. Department of agriculture, [1939]
3405. Leite de Almeida, José. O papel do algodao na economia Argentina. Ouro Branco 5(3):12-14. July 1939. (Published at R. Quintino Bocayuva, 54, Sao Paulo, Brazil)
The place of cotton in the Argentine economy.
3406. Lichte, F.E. Let's all shove together. Cotton Ginners' Jour. 10(12):14. September 1939. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
The author urges ginner to support the National Cotton Council.
3407. [Newton, Harry P.] Research chief outlines plans of laboratory. Staff to include chemists, physi- cists, biologists, engincers; principal effort to center on cotton problem. Cotton Trade Jour. 19(35):1,3. Sept.2,1939. (Published at 810 Union St., New Orleans, La.) 72.8 C8214
The work of the Southern Regional Laboratory of the U.S. Department of Agriculture is outlined.
3408. Novaes Garcez, B. A defesa do algodão brasileiro. A conferencia do algodão em Setembro em Washing- ton. Revista do Algodão 9(49):2804-2811. July 1939. (Published at Rua de S. Bento, 389, Sao Paulo, Brazil)
Defence of Brazilian cotton. The cotton conference in September in Washington.
3409. Ousley, Clarence. International cotton conference. Cotton and Cotton Oil Press 40(22):14. Sept.2, 1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Editorial.
3410. Ousley, Clarence. Statewide cotton committee. Cotton and Cotton Oil Press 40(22):14. Sept.2, 1939. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Editorial on the work of the Statewide Cotton Committee of Texas.

3411. Ousley, Clarence. War and cotton. Cotton and Cotton Oil Press 40(23):14. Sept.16,1939.
(Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

The author gives reason why he sees "no cause for despair or even for discouragement to the cotton industry."

3412. Peat, J.E. Cotton research in Rhodesia to-day. Empire Cotton Growing Rev. 16(3):211. July 1939.
(Published by P.S. King & Son, Ltd., 14, Great Smith St., London, S.W.1, Eng.) 72.8 En7

From Rhodesia Sci. Assoc., Proc. 36, p.33. December 1938.

"Cotton, in the writer's view, can now be considered an established crop for many parts of the country, and owes the fact to the work of the Empire Cotton Growing Corporation, which rendered valuable help to the industry in the collapse of twelve years ago. The collapse was mainly caused by the attacks of the jassid insect, and the revival is due to the success of U.4 (jassid-resistant) and its derivatives. The U.4 strain was obtained from Farberton, and it is on this stock, heterozygous and splitting into a number of very distinct types, that the important breeding work carried out at the Gatooma Experiment Station has been based, and without which the establishment of the crop in the country would not have been possible. Stainers and bollworms are also pests of importance, and against them work is always being carried on, with gradually increasing success. The use of the Indore method of preparing compost has been of considerable value, showing an improvement during 1938 of some 200 to 300 lb. seed cotton to the acre."- Entire item.

3413. Puerto Rico. Agricultural experiment station. Annual report for the fiscal year 1937-38. 114pp. San Juan, Bureau of supplies, printing, and transportation, 1939. 100 P83A
Cotton (seed selection work and experiments), p.67.

3414. Scoggin, W.T. Farmer gets what's left, if any, says New Mexico "desert" farmer. Sees relief not in squandered government funds, but in cotton council. Cotton Trade Jour. 19(36):3. Sept.9,1939. (Published at 210 Union St., New Orleans, La.) 72.8 C8214
Includes comment on cotton prices.

3415. Serviço científico do algodão. O algodão Paulista
única cultura racionalmente organizada no Brasil.
Revista do Algodão 9(49):2762-2767. July 1939.
(Published at Rua de S. Bento, 389, São Paulo,
Brazil)

Serviço Científico do Algodão. Paulista
cotton only culture rationally organized in
Brazil.

3416. Skinner, W.W. Industrial uses of farm products.
18pp. Washington, U.S. Department of agricul-
ture, Bureau of chemistry and soils, 1939.
1.9 C49In

Address before the Mid-American Chemurgic
Conference, sponsored by National Farm Chemurgic
Council, Columbus, Ohio, May 20, 1939.

Problems to be considered by the proposed
regional laboratories of the U.S. Department of
Agriculture are noted.

3417. A sociedade algodoeira do nordeste Brasileiro S.A.
(Sanbra) e o seu grande desenvolvimento indus-
trial. Cidade Mauricéa 2(15):175-78. July
1939. (Published at Rua da Imperatriz, 28-1,
Recife, Pernambuco, Brazil)

The Sociedade Algodoeira do Nordeste Brasil-
eiro S.A. (Sanbra) and its large industrial dis-
play.

3418. Southern combed yarn spinners in annual convention.
Cotton Trade Jour. 19(37):7. Sept. 16, 1939.
(Published at 810 Union St., New Orleans, La.)
72.8 C8214

Report of annual meeting of the Southern
Combed Yarn Spinners' Association at Gastonia,
N.C.

3419. Texas cotton men plan attack upon state trade bars.
State-wide cotton committee of Texas names
section to make study. Cotton Trade Jour.
19(36):3. Sept. 9, 1939. (Published at 810
Union St., New Orleans, La.) 72.8 C8214

Work of the State-Wide Cotton Committee of
Texas is described briefly.

3420. That conference. Cotton Trade Jour. 19(35):2.
Sept. 2, 1939. (Published at 810 Union St.,
New Orleans, La.) 72.8 C8214

Editorial on the International Cotton Meeting
to be held in Washington, September 5, 1939.

3421. Uganda protectorate. Department of agriculture. Annual report... (Part I) for the year ended 31st December 1938. 70pp. Entebbe, 1939. 24 Ugl2
 Partial contents: Cotton, 1937-38 and 1938-39 crops, pp.5-7, 25-27, 49-51; Increase and distribution of new varieties, pp.7-8; Yield of cotton per acre, p.8; Cotton commission, p.9; Utilisation of cottonseed for manurial purposes, pp.35-36; Cotton, marketing, pp.37-40; Varieties of cotton under cultivation in 1938, p.41; Cotton pests and diseases, pp.41, 59.

3422. U.S. Department of agriculture. Regional research laboratories, Department of agriculture. Letter from the Secretary of agriculture transmitting a report of a survey made by the Department of agriculture relative to four regional research laboratories, one in each major farm producing area. April 6, 1939. 429pp. Washington, U.S. Govt. print. off., 1939. (76th Cong. 1st sess. Senate. Doc. no.65) 1 Ag86Reg
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3424. U.S. Department of agriculture. Office of foreign agricultural relations. International cotton meeting, Washington, D.C., September 5-9, 1939. Stenographic report, revised. 287pp. Washington, Ward & Paul, 1939.

3425. U.S. Farm credit administration. Producer co-ops in action. U.S. Farm Credit Admin. Circ. A-16, [34]pp. Washington. [1939]
 Co-op gins and oil mills make their bow, p.[15].

3426. Wallace, Henry A. Cooperation or chaos. 9pp., processed. Washington, U.S. Department of agriculture, 1939.
 Address at the International Cotton Meeting, Washington, D.C., September 5, 1939.
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